

Abstract

In the case of a support part (3) having at least one locating hole (2) in which a fixing pin (1) is captively arranged, the latter has a bottom insertion section (1c) and a center shank section (1b) and also a top retaining section (1a) with a number of retaining teeth (12, 13) of different length, at least one comparatively long retaining tooth (12) overlapping the hole edge (15) of the locating hole (2) at the top and at least one comparatively short retaining tooth (13) undercutting the hole edge (15) on the underside.

Fig. 6

List of designations

	1	Fixing pin
	1a	Retaining section
5	1b	Shank section
	1c	Insertion section
	2	Locating hole
	3	Support part
	4	Sealing lip
10	5	Spacer/reinforcement
	6	Mounting part/substructure
	7	Sealing surface
	8	Hole
	9	Sealing surface
15	10	Pin longitudinal direction
	11	Center longitudinal axis
	12	Long retaining tooth
	13	Short retaining tooth
	14	Retaining lug
20	15	Hole edge
	15a	Hole seating surface
	15b	Hole bearing surface
	17	Tooth end
	18	Prominence
25	19	Bevel
	20	Push-in arm
	21	Recess
	22	Radial clearance
	23	Hole wall
30	24	Longitudinal slot
	25	Lug
	26	Slot/gap
	27	Ring
35	α	Angle
	A	Hole diameter
	B	Outside diameter
	C	Circumferential diameter

D Shank outside diameter
F Spring force
F_{ax} Axial component
F_{rad} Radial component
5 L Difference in length
d Thickness of support part